Datasheet

HP Color LaserJet Pro MFP M283fdw

Get high-quality color, wireless two-sided printing,[2] and smart mobility and security.[3]

An efficient, wireless MFP with fax for high-quality color and productivity.[2] Save time with Smart Tasks in HP Smart app, and print and scan from your phone.[3] Get seamless connections and strong security designed to help detect and stop attacks.

Dynamic security enabled printer. Only intended to be used with cartridges using an HP original chip. Cartridges using a non-HP chip may not work, and those that work today may not work in the future. Learn more at: http://www.hp.com/go/learnaboutsupplies

Freedom to work anywhere

- Get easy printing and scanning from your mobile device, with HP Smart – best-in-class mobile print app.[3,4]
- Eliminate steps in repetitive tasks with customizable shortcuts, with Smart Tasks in HP Smart app. Scan to the cloud, email, and more – in just a tap.[3]
- Organize documents 50% faster with Smart Tasks[5] – first mobile print app that automates scanning tasks.[6]
- Get notifications when printing, scanning, or copying from your mobile device, using HP Smart app.[3]

Trusted HP quality and performance

- Get high-quality color and peak printing performance with Original HP Toner cartridges with JetIntelligence.
- Breeze through tasks with automatic two-sided printing and a 50-page automatic document feeder.[1]
- Easily manage print, scan, copy, and fax tasks at the device with an intuitive touchscreen.[1]
- Help save energy with HP Auto-On/Auto-Off Technology and this ENERGY STAR® certified color laser MFP.[7]

Strong security, reliable connections

- Help protect your data. Get strong security with real-time threat detection and software validation.
- Get faster, more reliable connections with dual band Wi-Fi®.[8]
- Easily share resources – access and print with wireless and Ethernet networking.[2]
- Connect your mobile device directly to your printer – and easily print without accessing a network.[9]

HP Color LaserJet Pro MFP M283fdw Technical specifications

Functions / Multitasking supported	Print, Copy, Scan, Fax / Yes
Print speed black	**A4:** Up to 21 ppm; **First page out:** As fast as 11.4 sec; **Print speed duplex:** Up to 12 ppm
Print speed color	**A4:** Up to 21 ppm; **First page out:** As fast as 14.1 sec; **Print speed duplex:** Up to 12 ppm
Print resolution	**Black (best):** Up to 600 x 600 dpi; **Color (best):** Up to 600 x 600 dpi
Print technology	Laser
Print resolution technologies	HP ImageREt 3600
Print cartridges number	4 (1 each black, cyan, magenta, yellow)
Standard print languages	HP PCL6; HP PCL5c; HP postscript level 3 emulation; PWG raster; PDF; PCLm; PCLm-S; NativeOffice; URF
Printer smart software features	2.7 in color touchscreen, Automatic 2-sided printing, Wireless printing, Ethernet networking, Wireless direct printing, HP ePrint, Apple AirPrint™, Mopria-certified, Google Cloud Print, HP Auto-On/Auto-Off technology, HP Smart App, Smart task shortcuts in HP Smart App, HP JetAdvantage Secure Print (Optional)
Scan speed	A4: Up to 26 ppm (B/W); 23 ppm (Color)
Scan type / Technology	Flatbed, ADF / Contact Image Sensor (CIS)
Scan resolution	**Hardware:** Up to 300 x 300 dpi (color and mono ADF); up to 1200 x 1200 dpi (Flatbed); **Optical:** Up to 300 dpi (color and mono ADF); up to1200 dpi (Flatbed)
Scan file format	JPG, RAW (BMP), PNG, TIFF, PDF
Scan input modes	Front-panel scan, copy, e-mail, fax; HP Scan software; and user application via TWAIN or WIA
Scan size maximum	215.9 x 355.6 mm **Flatbed:** 215.9 x 297 mm
Scanner advanced features	HP Scanning software; Scan-to-E-mail, network folder; 50-sheet Automatic Document Feeder (ADF) for unattended scanning of multiple pages; automatic scan cropping; Scan to Google Drive/Drop box (PC); Scan to FTP(PC); Scan to Microsoft One Drive, Share Point (PC); Save as editable file (text, PDF)
Bit depth / Grayscale levels	8-bit (mono); 24-bit (color)/256
Digital sending standard features	Scan to email; scan to folder; scan to USB drive
Copy speed black A4	**Copy speed:** Up to 21 cpm ;**Copy speed Duplex:** Up to 12 cpm
Copy speed color A4	**Copy speed:** Up to 21 cpm ;**Copy speed Duplex:** Up to 12 cpm
Copy resolution	**Black (text and graphics):** Up to 600 x 600 dpi; **Color (text and graphics):** Up to 600 x 400 dpi
Maximum number of copies	Up to 99 copies
Copier settings	Number of copies; Reduce/Enlarge; Lighter/Darker; Optimize; Paper; Multi-page copy; Collation; Draft Mode; Image Adjustment; Set as New Defaults; Restore Defaults
Copier resize	25 to 400%
Fax speed	**Up to:** 33.6 kbps (maximum); 14.4 kbps (default) / **A4:** 3 sec per page
Fax resolution	**Black (best):** Up to 300 x 300 dpi; **Black (standard):** 203 x 98 dpi
Fax smart software features	Auto redialing, delayed sending, fax forwarding, TAM interface, distinctive ring detection, cover page wizard (Software only), block fax, billing codes, poll receive, fax activity reports, dial prefix setting
Fax Features	**Fax memory:** Up to 1300 pages; **Auto fax reduction supported:** Yes; **Auto-redialing:** Yes; **Fax delayed sending:** Yes; **Distinctive ring detection supported:** Yes; **Fax forwarding supported:** Yes; **Fax phone TAM interface supported:** Yes; **Fax polling supported:** Yes (receive only); **Fax telephone mode supported:** Yes; **Junk barrier supported:** Yes, CSID matching only (Caller ID not supported); **Maximum speed dialing numbers:** Up to 120 numbers; **PC interface supported:** Yes; **Remote retrieval capability supported:** No; **Telephone handset supported:** Yes
Standard connectivity	Hi-Speed USB 2.0 port; built-in Fast Ethernet 10/100/1000 Base-TX network port, 802.11n 2.4/5GHz wireless, Fax port, Front Host USB
Network capabilities	Yes, via built-in 10/100/1000 Base-TX Ethernet; Auto-crossover Ethernet; Authentication via 802.11x
Wireless capability	Built-in 802.11 b/g/n; authentication via WEP, WPA/WPA2, or 802.11x; encryption via AES or TKIP; WPS; Wi-Fi Direct
Mobile printing capability	HP Smart App; HP ePrint; Apple AirPrint™; Mobile Apps; Mopria™ Certified; Wi-Fi® Direct Printing
Memory	**Standard:** 256 MB DDR, 256 MB Flash; **Maximum:** 256 MB DDR, 256 MB Flash
Processor speed	800 MHz
Duty cycle	Monthly A4: Up to 40,000 pages
Recommended monthly page volume	150 to 2500
Media types supported	Paper (bond, brochure, colored, glossy, heavy, letterhead, light, photo, plain, preprinted, prepunched, recycled, rough), transparencies, labels, envelopes, cardstock
Media weight supported	60 to 163 g/m² (Uncoated/Matte, recommended), however up to 175 g/m² Postcards and 200 g/m² HP Matte is allowed in the driver; 60 to 163 g/m² (Coated/Glossy, recommended), however up to 175 g/m² Postcards and 220 g/m² HP Glossy is allowed in the driver.
Media sizes supported	Letter(216 x 280); Legal(216 x 356); Executive(184 x 267); Oficio 8.5x13(216 x 330); 4 x 6(102 x 152); 5 x 8(127 x 203); A4(210 x 299); A5(148 x 210); A6(105x148); B5(JIS)(182 x 257); B6(JIS)(128 x 182); 10x15cm(100 x 150); Oficio 216x340mm(216 x 340); 16K 195x270mm(195x270); 16K 184x260mm(184x260); 16K 197x273mm(197x273); Postcard(JIS)(100 x 147); Double Postcard(JIS)(147 x 200); Envelope #10(105 x 241); Envelope Monarch(98 x 191); Envelope B5(176 x 250); Envelope C5(162 x 229); Envelope DL(110 x 220); A5-R(210 x 148)
Media Sizes Custom	76 x 127 to 216 x 356 mm
Paper handling	**Input Capacities:** 1-sheet in Tray 1; Up to 250 sheets (25 mm stack height) in Tray 2 Standard; Up to 15 mm (Recommended only 5 envelopes or less at a time) **Auto document feeder capacity:** Standard, 50 sheets **Output Capacities:** Up to 100 sheets (10 mm stack height) Standard; 10 mm stack height **Duplex Options:** Automatic (standard) **Envelope feeder:** No **Standard paper trays:** 2

What's in the box	7KW75A HP Color LaserJet Pro MFP M283fdw; HP LaserJet Black Introductory toner cartridge (~800 page yield); HP LaserJet Cyan Introductory toner cartridge; HP LaserJet Magenta Introductory toner cartridge; HP LaserJet Yellow Introductory toner cartridge (~700 color composite C/Y/M page yield) Installation guide; Power cord; USB cable; Phone Cord
Replacement cartridges[3]	HP 206A Black LaserJet Toner Cartridge (~1350 yield) W2110A; HP 206A Cyan LaserJet Toner Cartridge (~1250 yield) W2111A; HP 206A Yellow LaserJet Toner Cartridge (~1250 yield) W2112A; HP 206A Magenta LaserJet Toner Cartridge (~1250 yield) W2113A; HP 206X Black LaserJet Toner Cartridge (~3150 yield) W2110X; HP 206X Cyan LaserJet Toner Cartridge (~2450 yield) W2111X; HP 206X Yellow LaserJet Toner Cartridge (~2450 yield) W2112X; HP 206X Magenta LaserJet Toner Cartridge (~2450 yield) W2113X
Product dimensions	**W x d x h:** 420 x 421.7 x 334.1 mm; **Maximum:** 424 x 475 x 338 mm
Product weight	18.7 kg
Warranty features	One-year unit exchange warranty. Warranty and support options vary by product, country and local legal requirements. Go to http://www.hp.com/support to learn about HP award winning service and support options in your region.
Energy efficiency compliance	EPEAT® Silver; ENERGY STAR® qualified
Control panel	2.7" color graphic touch screen with 3 button at left side (Home, Help, Back)
Display description	2.7" color graphic touch screen
Software included	No CD (Software is not included In-Box) Downloadable Software only from hp.com, http://123.hp.com/laserjet or 123.hp.com
Compatible operating systems[8]	Windows® 10, 8.1, 8, 7: 32-bit or 64-bit, 2 GB available hard disk space, Internet connection, USB port, Internet Explorer. Windows Vista®: (32-bit only), 2 GB available hard disk space, Internet connection, USB port, Internet Explorer 8. Windows® XP SP3 or higher (32-bit only): any Intel® Pentium® II, Celeron® or 233 MHz compatible processor, 850 MB available hard disk space, Internet connection, USB port, Internet Explorer 8. Windows Server support is provided via the command line installer and supports Win Server 2008 R2 and higher. Apple® macOS Sierra (v10.12) macOS High Sierra (v10.13) macOS Mojave (v10.14)macOS Catalina(v10.15); 200MB HD; Internet required for download; USB. Linux (For more information, see https://developers.hp.com/hp-linux-imaging-and-printing). Unix (For more information, see http://www.hp.com)
Compatible network operating systems	Windows® 10, 8.1, 8, 7: 32-bit or 64-bit, 2 GB available hard disk space, Internet connection, USB port, Internet Explorer. Windows Vista®: (32-bit only), 2 GB available hard disk space, Internet connection, USB port, Internet Explorer 8. Windows® XP SP3 or higher (32-bit only): any Intel® Pentium® II, Celeron® or 233 MHz compatible processor, 850 MB available hard disk space, Internet connection, USB port, Internet Explorer 8. Windows Server support is provided via the command line installer and supports Win Server 2008 R2 and higher. Apple® macOS Sierra (v10.12) macOS High Sierra (v10.13) macOS Mojave (v10.14) macOS Catalina(v10.15); 200MB HD; Internet required for download; USB. Linux (For more information, see https://developers.hp.com/hp-linux-imaging-and-printing). Unix (For more information, see http://www.hp.com)
Minimum system requirements	**PC:** Windows® 10, 8.1, 8, 7: 32-bit or 64-bit, 2 GB available hard disk space, Internet connection, USB port, Internet Explorer. Windows Vista®: (32-bit only), 2 GB available hard disk space, Internet connection, USB port, Internet Explorer 8. Windows® XP SP3 or higher (32-bit only): any Intel® Pentium® II, Celeron® or 233 MHz compatible processor, 850 MB available hard disk space, Internet connection, USB port, Internet Explorer 8. Windows Server support is provided via the command line installer and supports Win Server 2008 R2 and higher.; **Mac:** Apple® macOS Sierra (v10.12) macOS High Sierra (v10.13) macOS Mojave (v10.14) macOS Catalina(v10.15); 200MB HD; Internet required for download; USB
Power[2]	Power supply type: Internal (Built-in) power supply; **Power requirements:** 110-volt input voltage: 110 to 127 VAC (+/- 10%), 50 Hz (+/- 3 Hz), 60 Hz (+/- 3 Hz); 220-volt input voltage: 220 to 240 VAC (+/- 10%), 50 Hz (+/- 3 Hz), 60 Hz (+/- 3 Hz)(Not dual voltage, product varies by part number with # Option code identifier); **Power consumption:** 361 watts (active printing), 7.8 watts (ready), 0.8 watts(sleep), 0.05 watt (Manual-Off), 0.05 (Auto-Off/Manual-on), 0.06 watt(Auto-Off/Wake on LAN)
Acoustics	**Acoustic power emissions:** 6.4 B(A) (Mono), Simplex; 6.3 B(A) (Color), Simplex; 6.3 B(A) (Mono), Duplex; 6.3 B(A) (Color), Duplex; **Acoustic pressure emissions:** 50 dB(A) (Mono), Simplex; 50 dB(A) (Color), Simplex; 50 dB(A) (Mono), Duplex; 49 dB(A) (Color), Duplex
Operating environment	**Operating temperature range:** 10 to 32.5°C; **Recommended operating temperature:** 15 to 27°C; **Storage temperature range:** -20 to 40°C; **Non-operating humidity range:** 0 to 95% RH; **Operating humidity range:** 10 to 80% RH; **Recommended humidity operating range:** 30 to 70% RH

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